

September 11, 2015

MEMORANDUM FOR: Distribution Email

FROM: Christine Caruso Magee  
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SUBJECT: Scheduled Operational Changes and Upgrades for  
CPC, OPC, and WPC

The following accelerated items were implemented this past week:

None

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The following will be implemented the week of September 14, 2015:

RFC #434 – Upload a javascript file into a new directory on the WPC external web site that allows for animations using HTML5 instead of a Flash applet. To be implemented on September 14 at 1300Z. (WPC)

RFC #435 - Implement/replace existing Drought Outlook PHP pages with updated version (1.0). To be implemented on September 14 at 1500Z. (CPC)

RFC #436 - For the Long Range Forecast Redbook Graphics Transmission, resolved a directory name conflict, added documentation, changed exit status to convention, and added logging. To be implemented on September 15 at 1200Z. (CPC)

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The following CPC OPC WPC RFC(s) are in progress:

RFC #384 – The salinity fields in NOS's CBOFS model have drifted this summer by about 4 PSU, negatively impacting the Ecological Forecasts which use the CBOFS for Vibrio Vulnificus and Sea Nettle forecasts. A bias correction has been developed by the Ecological Forecast Pathogens group. This correction will be applied every 2 weeks through early fall or until the CBOFS model has been corrected. The Vibrio and Sea Nettles web pages will be restarted each time after the salinity correction has been implemented. Implementation began on July 22 at 2100Z and should be completed by October 27. (OPC)

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The following NCO RFCs to be implemented the week of September 14, 2015 may affect CPC, OPC, and/or WPC:

RFC #1281 – NCOSRV Dataflow v2.7.1 - The DBNet software on NCOSRV is being modified to handle the cleanup of a new GEMPAK grid made by WPC for use by their Winter Weather Desk. To be implemented on September 15 at 1200Z.

RFC #1284 – WCOSS Dataflow v1.65.0 – Modify DBNet on WCOSS so that only the production group is able to alert datasets to the DBNet software. To be implemented on September 15 at 1200Z.

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The following NCO RFC(s) are in progress and may affect the local Centers:

RFC #1096 – WCOSS: SP5 Software Upgrade v5.0 - IBM will apply the Service Pack 5 software upgrade to the WCOSS systems. Included in this upgrade are changes to RHEL, GPFS, IBM PE, IBM xCAT and several other components. IBM software support has released its latest HPC software stack service pack and is urging all x86\_64 based Infiniband HPC Cluster customers to apply it to maximize product support, and address some known system issues. There will be a 2-day outage on Gyre on September 14 and September 15 to install the software upgrade.

RFC #1156 – WCOSS: TO4 network tie-in – Connect the Cray systems' Ethernet and Infiniband networks to WCOSS Phase 1 and Phase 2 network infrastructure. Work was completed on the Reston, VA systems in early August. There will be a 1-day outage of Gyre tentatively scheduled for September 21 to connect the Cray system Surge to Gyre.

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Please note that security-related RFCs are never listed in the RFC memo.

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---- OPERATIONAL ANNOUNCEMENTS ----

1. The CPC/OPC/WPC Configuration Management documents are available at <https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/>.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.